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INDEX TO AMERICAN BOTANICAL LITERATURE

(1908)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in its broadest sense.

Reviews, and papers which relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions, their kindness will be appreciated.

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Bacon, W. L. The discovery of *Cryptogramma Stelleri* in Maine. *Rhodora* 10: 35. 12 Mr 1908.

Bailey, W. W. A true March flower. *Am. Bot.* 13: 101-103. [Mr] 1908.

Bates, C. G. A drought-resistant hickory. *Science* II. 27: 473, 474. 20 Mr 1908.

Bennett, C. List of Colorado trees. *Plant World* 11: 66, 67. Mr 1908.

Bois, D. Les *Ribes* de la section *Robsonia*. *Rev. Hort.* 80: 29-32. f. 6-11. 16 Ja 1908.

Bois, D. Production de bulbilles floraux chez l'*Agave Weberi*. *Rev. Hort.* 80: 149, 150. f. 47. 1 Ap 1908.

Clapp, G. L. A quantitative study of transpiration. *Bot. Gaz.* 45: 254-267. f. 1, 2. 14 Ap 1908.

Clark, H. W. The holophytic plankton of lakes Atitlan and Amititlan, Guatemala. *Proc. Biol. Soc. Washington* 21: 91-105. 21 Mr 1908.
Includes 3 new species, *Clathrocystis robusta*, *Staurostrum Evermanni*, and *Confervagyrans*.

- Clute, W. N.** The genus *Acrostichum*. Am. Bot. **13**: 97-99. [Mr] 1908. [Illust.]
- Coker, W. C. & Pemberton, J. D.** A new species of *Achlya*. Bot. Gaz. **45**: 194-196. f. 1. 12 Mr 1908.
- Conard, H. S.** Acres of liverworts. Plant World **11**: 64-66. Mr 1908.
- Deane, W.** Some teratological forms of *Trillium undulatum*. Rhodora **10**: 21-24. 12 Mr 1908.
- Eaton, A. A.** Nomenclatorial studies in three orchid genera. Proc. Biol. Soc. Washington **21**: 63-67. 21 Mr 1908.
Publishes 66 new combinations, 51 in *Epipactis*, 10 in *Serapias*, and 5 in *Serapiastrum*.
- [**Gibson, H. H.**] American forest trees — 68. Western hemlock, *Tsuga heterophylla* Sargent. Hardwood Record **25**⁷: 16, 17. 25 Ja 1908. [Illust.]
- [**Gibson, H. H.**] American forest trees — 69. Pecan, *Hicoria Pecan* Britton. Hardwood Record **25**⁹: 16, 17. 25 F 1908. [Illust.]
- [**Gibson, H. H.**] American forest trees — 70. Osage orange, *Toxylon pomiferum*. Hardwood Record **25**¹⁰: 16, 17. 10 Mr 1908. [Illust.]
- [**Gibson, H. H.**] American forest trees — 71. Ailanthus or tree of heaven, *Ailanthus glandulosa* Desf. Hardwood Record **25**¹¹: 16, 17. 25 Mr 1908. [Illust.]
- Greenman, J. M.** The generic name *Goldmania*. Bot. Gaz. **45**: 198. 12 Mr 1908.
Goldmanella is substituted for *Goldmania* Greenman.
- Griggs, R. F.** On the cytology of *Synchytrium* — III. The role of the centrosome in the reconstruction of the nucleus. Ohio Nat. **8**: 277-286. pl. 19, 20. Mr 1908.
- Hallier, H.** On the origin of angiosperms. Bot. Gaz. **45**: 196-198. 12 Mr 1908.
- Harshberger, J. W.** Taxonomic charts of the monocotyledons and the dicotyledons. Proc. Am. Phil. Soc. **46**: 313-321. f. 1, 2. 20 Ja 1908.
- Hasselbring, H.** The carbon assimilation of *Penicillium*. Bot. Gaz. **45**: 176-193. 12 Mr 1908.
- Hay, G. U.** Observations on weather and plants, 1907. Bull. Nat. Hist. Soc. New Brunswick **6**: 44, 45. 1908.
- Hay, G. U.** The fungi of New Brunswick. Bull. Nat. Hist. Soc. New Brunswick **6**: 40-43. 1908.

- Holm, T.** Method of hibernation and vegetative reproduction in North American species of *Stellaria*. Am. Jour. Sci. IV. **25**: 315-322. f. 1-6. Ap 1908.
- Howe, M. A. & Wilson, P.** Report on the botanical exploration of the Bahama and Caicos islands. Jour. N. Y. Bot. Gard. **9**: 41-50. f. 9-12. Mr 1908.
- Howe, R. H.** Aspects of New England lichens. Plant World **11**: 45-55. f. 1-6. Mr 1908.
- Howe, R. H.** Two additions to the lichen flora of the Blue Hills. Rhodora **10**: 35, 36. 12 Mr 1908.
- Keller, R.** Zur Kenntnis der Sectio *Brathys* des Genus *Hypericum*. Bull. Herb. Boiss. II. **8**: 175-191. 29 F 1908.
Includes 6 new American species.
- Laney, C. C.** The types of the American elm. Gard. Mag. **7**: 154-156. f. 1-12. Mr 1908.
- Laughlin, E. E.** Enchanter's nightshade. Am. Bot. **13**: 99-101. [Mr] 1908.
- Lloyd, F. E.** A water-storage organ in *Cuscuta*. Plant World **11**: 67, 68. Mr 1908.
- Macoun, J. M.** Botanical notes. Ottawa Nat. **21**: 218. 4 Mr 1908; 231. 7 Mr 1908.
- Matthiesen, F.** Beiträge zur Kenntnis der Podostemaceen. Bibl. Bot. **15**⁶⁸: 1-55. pl. 1-9. 1908.
Includes new species in *Oenone* (2), and in *Rhyncholaxis* (2).
- Mottet, S.** *Pavia macrostachya*. Rev. Hort. **80**: 101-104. f. 31, 32. 1 Mr 1908.
- Pease, A. S.** Preliminary lists of New England plants — XV. Addenda. Rhodora **10**: 36. 12 Mr 1908.
- Rehder, A.** The New England species of *Psedera*. Rhodora **10**: 24-29. 12 Mr 1908.
- Robinson, B. L.** Notes on the vascular plants of the northeastern United States. Rhodora **10**: 29-35. 12 Mr 1908.
Includes *Woodsia Cathcartiana* sp. nov.
- Schaffner, J. H.** On the origin of polar conjugation in the angiosperms. Ohio Nat. **8**: 255-258. 15 F 1908.
- Shull, G. H.** The pedigree-culture: its aims and methods. Plant World **11**: 21-28. F 1908: 55-64. Mr 1908.
- Smith, G. D.** The pear-form puff-ball. Myc. Bull. **6**: 14, 15. f. 285, 286. F 1908.

- Smith, G. D.** *Phalloogaster saccatus*. Myc. Bull. **6**: 17, 18, 19. f. 287. Mr 1908.
- Sprague, T. A.** *Sinningia Regina*. Curtis Bot. Mag. IV. **4**: pl. 8182. Mr 1908.
- Sprague, T. A.** New or noteworthy plants. *Columnnea magnifica*. Gard. Chron. III. **43**: 66, 67. f. 33. 1 F 1908.
- Standley, P. C.** Some *Echinocerei* from New Mexico. Bull. Torrey Club **35**: 77-88. f. 1-5. 9 Mr 1908.
Includes *Echinocereus neo-mexicanus* sp. nov.
- Sumstine, D. R.** More moulds. Myc. Bull. **6**: 9-11. f. 282, 283. F 1908.
- Terry, W. A.** A new variety of the ostrich fern. Fern Bull. **16**: 3, 4. [Mr] 1908.
- Ule, E.** Die Kakteen im brasilianischen Staate Bahia. Monats. Kakteenk. **18**: 17-24. 15 F 1908. [Illust.]
- Ule, E.** Die Pflanzenformationen des Amazonas-Gebietes—II. Pflanzengeographische Ergebnisse meiner in den Jahren 1900-1903 in Brasilien und Peru unternommenen Reisen. Bot. Jahrb. **40**: 398-432. pl. 9-II. 24 Ja 1908; 433-443. 3 Mr 1908.
- Ule, E.** Kautschukgewinnung und Kautschukhandel in Bahia. Notizbl. Königl. Bot. Gard. Berlin **5**: 1-52. pl. 1-4. 25 Ja 1908.
- Warnstorf, C.** Neue europäische und aussereuropäische Torfmoose (Schluss). Hedwigia **47**: 113-124. 3 Ja 1908.
- Warren, A. E.** Does the botanizer need a microscope? Am. Bot. **13**: 104, 105. [Mr] 1908.
- Weingart, W.** *Cereus serpentinus* var. *albispinus*. Monats. Kakteenk. **18**: 30. 15 F 1908.
- White, C. A.** The phenogamous parasites. Am. Nat. **42**: 12-33. f. 1-8. 21 Mr 1908.
- Yamanouchi, S.** Spermatogenesis, oögenesis, and fertilization in *Nephrodium*. Bot. Gaz. **45**: 145-175. pl. 6-8. 12 Mr 1908.